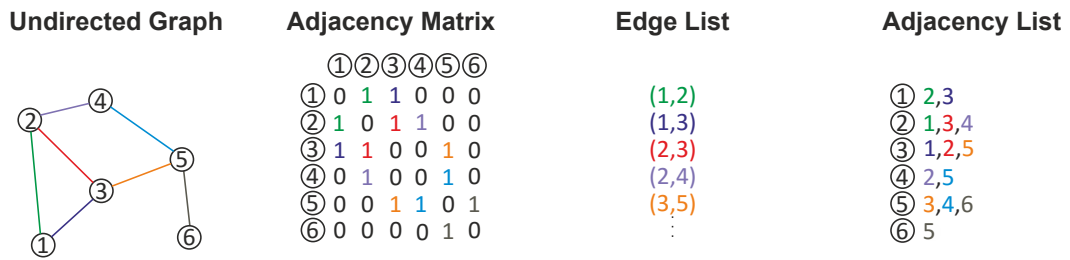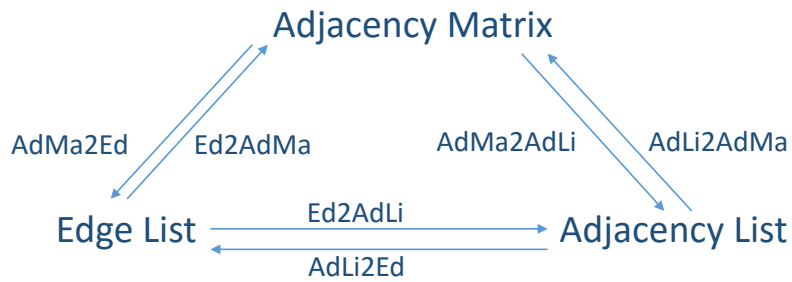## ReadMe

Network data can be present in data formats such as adjacency list, adjacency matrix and edge list. How to convert the data formats into each other? **Figure 1** shows an example case for a given undirected network; **Figure 2** shows which matlab function has to be chosen for a given conversion and **figure 3** shows an example code for how to apply the converter functions.

Figure 1: Adjancy Matrix, Edge List and Adjency List for a unweighted network.

Figure 2: Overview Converter Functions.

```
AdMa = [    0 1 1 0 0 0
            1 0 1 1 0 0
            1 1 0 0 1 0
            0 1 0 0 1 0
            0 0 1 1 0 1
            0 0 0 0 1 0];

Ed = AdMa2Ed(AdMa);            AdLi = AdMa2AdLi(AdMa);
AdMa = AdLi2AdMa(AdLi);        Ed = AdLi2Ed(AdLi);
AdLi = Ed2AdLi(Ed);           AdMa = Ed2AdMa(Ed);
```

Figure 3: Example Matlab Code.